

PHOTONICS CONGRESS CHINA 2016

The PHOTONICS CONGRESS CHINA, Asia's leading photonics congress, will be held again in conjunction with LASER World of PHOTONICS CHINA at the Shanghai New International Expo Center from March 15-17, 2016. The Congress topics will range from the latest research and development in laser technology, laser processing and its applications, laser additive manufacturing and laser 3D printing, manufacturing of optical components, machine vision, optoelectronics, advanced laser materials, films and devices, and laser safety through to laser beam analysis. The PHOTONICS CONGRESS CHINA will be attended by more than 200 speakers and 3000 delegates from all over the world.

Conferences at the PHOTONICS CONGRESS CHINA 2016:

- ⇒ 11th International Laser Processing and Systems Conference (LPC 2016)
- ⇒ China Laser Market Summit 2016
- ⇒ Optics Frontier — The 11th National Conference on Laser Technology and Optoelectronics
- ⇒ International Forum on Modern Optical Manufacturing Engineering and Sciences, Workshop on Safety of Industrial Lasers and Systems Use, 2016
- ⇒ Advanced Training Course of Laser and Micro/Nano Manufacturing.

In addition to the PHOTONICS CONGRESS CHINA, another accompanying conference will be the China Machine Vision Technology & Application Conference 2016. The combination of scientific research and industrial applications both in the conferences and the trade fair supports the exchange of information and know-how between the scientific and industrial sectors, and emphasizes its unique practical value.

More information about the congress and the supporting program can be found [here](#).

11th International Laser Processing and Systems Conference (LPC 2016)

Date: March 15-16 ; Venue: Ballroom, Jumeirah Himalayas Hotel, 6th Floor, Shanghai New International Expo Center

The International Laser Processing and Systems Conference held concurrently with the trade fair LASER World of PHOTONICS CHINA has become the most famous conference focusing on laser technology and applications in Asia. This year, the conference will focus on Advanced Laser Intelligent Manufacturing. The key topic will be advanced laser technology including: fiber and ultra-fast laser technology and applications, state-of-the-art technology and application of laser micro processing, laser additive manufacturing and laser 3D printing, the latest laser processing systems and control technology, automation in laser applications, and the latest technology and applications of laser macro processing.

The LPC 2016 will feature many renowned international speakers from the USA, Canada, Australia and Germany:

- Dr. Henry Helvajian (*Aerospace Cooperation, USA*)
- Prof. Peter R. Herman (*Department of Electrical and Computer Engineering and the Institute for Optical Sciences, University of Toronto, Canada*)
- Prof. Min Gu, (*Academician of Australian Academy of Science, Swinburne University of Technology, Australia*)
- Prof. Reinhart Poprawe (*Fraunhofer ILT, Germany*)

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- Prof. Xianfan Xu, (*Purdue University, USA*)
 - Prof. Richard Haglund, (*Vanderbilt University, USA*)
 - Mr. Xiaohui Han, (*Professorate Senior Engineer, Senior Chief Process Engineer of CRRC Qingdao Sifang Co., Ltd*)

Chinese Laser Market Summit 2016

The Chinese Laser Market Summit 2016 will be held in Shanghai at the same time as LASER World of PHOTONICS CHINA and the 11th International Laser Processing and Systems Conference (LPC 2016). It will address important topics in the industry, for example what will be the impact of “Made in China 2025” on the laser technology development trend? How can laser companies benefit from the globalized market? In the current environment of economic slowdown and structural transformation and upgrades, how can SMEs survive or / and continue to grow? Furthermore, the long-term prospects will be discussed by inviting global industrial leaders and leading experts in laser fields to analyze the current market status, discuss the development strategy for companies and predict the market and technology trends for the whole industry.

Topics:

- Overview and forecast of the laser market in China and in the world (2015-2016)
- Strategy of the world's leading laser companies on the Chinese market
- International business opportunities for Chinese laser companies
- Business model and development strategy including capital/financial tools for SMEs.

More information about the [LPC 2016](#) and [Chinese Laser Market Summit 2016](#).

Optics Frontier — the 11th National Conference on Laser Technology and Optoelectronics

Date: March 15-16 ; Venue: Shanghai New International Expo Center

The Optics Frontier - The 11th National Conference on Laser Technology and Optoelectronics will be staged by the Chinese Laser Press and Messe München. The Conference will include the following topics: Laser Physics and Technology; Advanced Laser Materials, Films and Devices; Industrial Laser and Its Applications, Advanced Laser Manufacturing Technology; Beam Properties, Propagation and Control; Biomedical Photonics and Laser Medicine; Space Laser Communications, Laser Imaging Technology.

More information about the [Optics Frontier — the 11th National Conference on Laser Technology and Optoelectronics](#)

2016 Shanghai International Forum on Modern Optical Manufacturing Engineering and Sciences

Date: March 15-16 ; Venue: Shanghai New International Expo Center

The 2016 Shanghai International Forum on Modern Optical Manufacturing Engineering and Sciences will be staged by the Committee of Optical Manufacturing Technology, COS, Messe München and SPIE, USA (Technical Co-sponsor).

The forum will present the following topics:

Development Trends for Optical Manufacturing Enterprises--Optical Manufacturing Index; Frontier Technology Revolution for Optical Engineering and Science — Applications; Frontier Technology Revolution for Optical Engineering and Science--Manufacturing and Metrology; Advanced Machining and Measurement Equipment from Overseas.

Academicians, chief scientists, and leaders at the forefront of technology are invited to attend this forum in order to share their professional opinions on the latest developments in optical engineering and science, and address new technology changes in high-end optical areas. Furthermore, a wind vane annual report in optical industries will also be delivered for the first time. A workshop is now being arranged during which renowned optical equipment manufacturers will report on their latest equipment and related new technologies, etc.

More information about [2016 Shanghai International Forum on Modern Optical Manufacturing Engineering and Sciences](#)

Workshop on Safety of Industrial Lasers and Systems Use

Date: March 16 ; Venue: Shanghai New International Expo Center

The Workshop will be staged by the Chinese Optical Society- Laser Processing Committee (COS-LPC) and Messe München. **The importance of safety is attracting more and more attention. In accordance with** the standards in national safety regulations, we call on all laser practitioners to take immediate action and observe laser safety protection in order to be responsible for personnel, society and customers. Training is primarily aimed at personnel in laser R&D, manufacturing, operation and management. The topics will cover the potential risks of laser products, protection requirements, the relevant operating standard in China and effective measures for laser safety protection.

More information about the [Workshop on Safety of Industrial Lasers and Systems Use](#)

2016 Advanced Training Course of Laser and Micro/Nano Manufacturing

Date: March 15 ; Venue: Shanghai New International Expo Center

The course will be staged by the Shanghai Institute of Optics and Fine Mechanics, the Chinese Academy of Sciences, MMI (Shanghai) Co., Ltd. and the Chinese Laser Press. It will feature topics such as fiber laser 2.0, laser technology and micro/nano manufacturing, advanced laser technology applications and the market. The training course is open to staff involved in fiber laser applications micro/nano manufacturing staff and participants from the laser market.

More information about the Advanced Training Course of Laser and Micro/Nano Manufacturing can be found [here](#)

Other accompanying conference

China International Machine Vision Technology & Application Conference

Date: March 15 - 17 ; Venue: Shanghai New International Expo Center

Organized by the China Society of Image and Graphics (CSIG) and Messe München, Vision China (Shanghai) showcases the key industry components and parts. Attracting experts, researchers and engineers from all kinds of application industries, this Conference will provide an ideal platform for presentations and finding industry solutions!

Topics:

- Application of machine vision technology
- The development trend on the machine vision market in China



About LASER World of PHOTONICS CHINA

LASER World of PHOTONICS CHINA is the leading regional trade fair for optical technologies in China. It takes place in Shanghai each March and runs simultaneously with electronica China & productronica China. In 2015 the trade fair attracted 40,291 visitors and 715 exhibitors. The next LASER World of PHOTONICS CHINA will take place from March 15-7, 2016. <http://www.world-of-photonics-china.com/>

LASER WORLD of PHOTONICS worldwide

LASER World of PHOTONICS CHINA is a part of the worldwide LASER World of PHOTONICS network, including LASER World of PHOTONICS in Munich and LASER World of PHOTONICS INDIA, which has been held since 2012. LASER World of PHOTONICS INDIA is a regional trade fair for laser and photonics technologies, and is staged every year in different places in India. With more than 2,000 exhibitors and around 77,000 visitors in Germany, China and India, Messe München International is the world's leading trade fair organizer for lasers and photonics.

Messe München

Messe München is one of the world's leading trade fair companies. It organizes some 40 trade fairs for capital and consumer goods and key high-tech industries in Munich alone. 14 of those events are number 1 in the world in their respective industries. Each year more than 30,000 exhibitors and some two million visitors take part in events held at the Messe München trade-fair center, the ICM – International Congress Center München and the MOC Veranstaltungszentrum München. In addition, Messe München International organizes trade shows in China, India, Turkey and South Africa. Messe München has a global business presence with affiliates in Europe, Asia and Africa, and more than 60 foreign representatives serving more than 100 countries.

Further information: www.messe-muenchen.com

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